



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>5</sup> :</b> <b>C10M 159/24, C23F 11/16</b> <b>C08K 5/42</b>	<b>AI</b>	<b>(11) International Publication Number:</b> <b>WO 91/03533</b> <b>(43) International Publication Date:</b> <b>21 March 1991 (21.03.91)</b>
<b>(21) International Application Number:</b> PCT/GB90/01334 <b>(22) International Filing Date:</b> 29 August 1990 (29.08.90) <b>(30) Priority data:</b> 8919598.6 30 August 1989 (30.08.89) GB <b>(71) Applicants (for all designated States except US):</b> EXXON CHEMICAL LIMITED [GB/GB]; Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB). PRODUITS CHIMIQUES AUXILIAIRES ET DE SYNTHÈSE [FR/FR]; 23, rue Bossuet, Z.I. Vigne-aux-Loups, F-91160 Longjumeau (FR). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only) :</b> D'ASCANIO, Vincenzo, Maria [IT/FR]; 77, rue Cardinet, F-75017 Paris (FR). LUCIEN, Michel [FR/FR]; 79, rue du Docteur-Apvrille, F-76300 Sotteville-les-Rouen (FR). DE CROOCQ, Serge [FR/FR]; Résidence Touret du Vallier, Bâtiment B, Appartement 9, F-13500 Martignes (FR). MEDINGER, Luc [FR/FR]; 24, boulevard Léon-Blum, F-29200 Brest (FR).		<b>(74) Agents:</b> BAWDEN, Peter, Charles et al.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB). <b>(81) Designated States:</b> AT (European patent), BE (European patent), CH (European patent), DE (European patent)*, DK (European patent), ES (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), US. <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> COATING COMPOSITIONS  <b>(57) Abstract</b>  Thixotropic basic calcium sulphonate comprising carbonating a mixture of C <sub>1</sub> to C <sub>4</sub> alcohol, a volatile organic hydrocarbon solvent, calcium oxide or calcium hydroxide, optionally water and a mixture of alkyl aryl sulphonic acids in which the distinction of the alkyl groups in the sulphonic acids span at least from C <sub>12</sub> to C <sub>24</sub> . Use of the mixture of alkyl aryl sulphon-ic acids enables production of improved thixotropic calcium sulphonate without the need for additional reaction promoter, the product is useful in anticorrosion coatings.		